

**PHYTOCHEMICAL STUDY OF *Uncaria longiflora*
VARIETY PTEROPODA**

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ABSTRACT

PHYTOCHEMICAL STUDY OF *UNCARIA LONGIFLORA* VARIETY PTEROPODA

The local name of *Uncaria longiflora* variety pteropoda is 'kekait'. This plant contains high medicinal value. The non-alkaloids of Malaysian *Uncaria longiflora* variety pteropoda stems extract were isolated and their structures were elucidated. The dried non-acidified extract of *Uncaria longiflora* variety pteropoda stems was fractionated using vacuum liquid chromatography before being introduced to column chromatography and preparative thin layer chromatography to yield three sterols, UL-T1, UL-T2, and UL-T3. ¹H NMR spectroscopy was used in determining the structures of sterols isolated. The compounds were identified as stigmast-5,22-dien-3-ol, stigmast-22-en-3-ol, and cholest-4-en-6 α -ol-3-one.